

FIG. 1

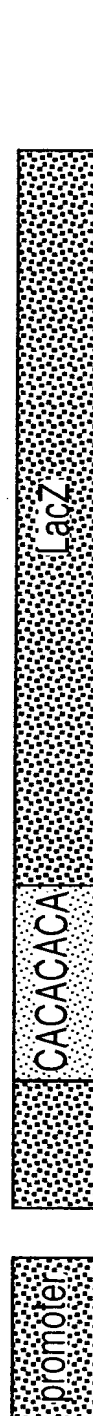
pCAR-OF vector



*

(frameshift - no lacZ protein: no blue cells)

pCAR-IF vector



(functional lacZ protein: turns cells blue)

FIG. 2A

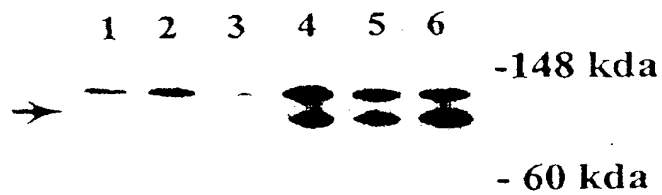


FIG. 2B

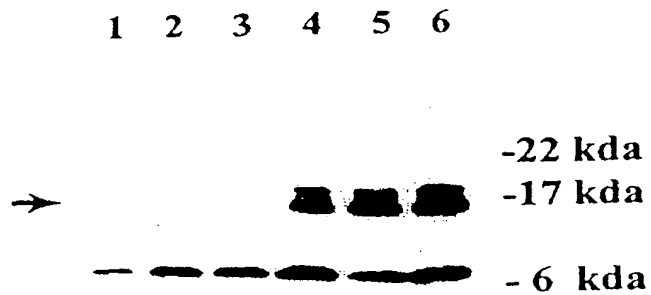


FIG. 2C

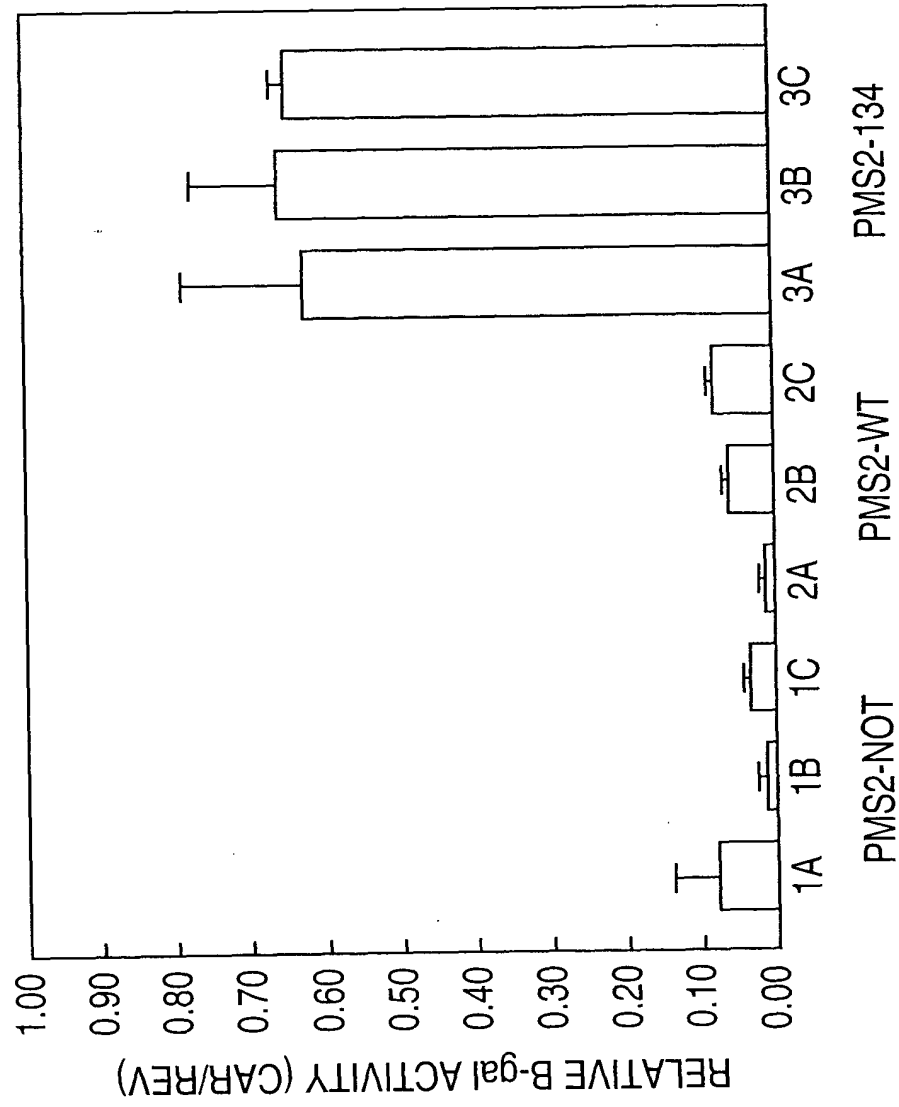




FIG. 3A

FIG. 3A

PMS2-WT

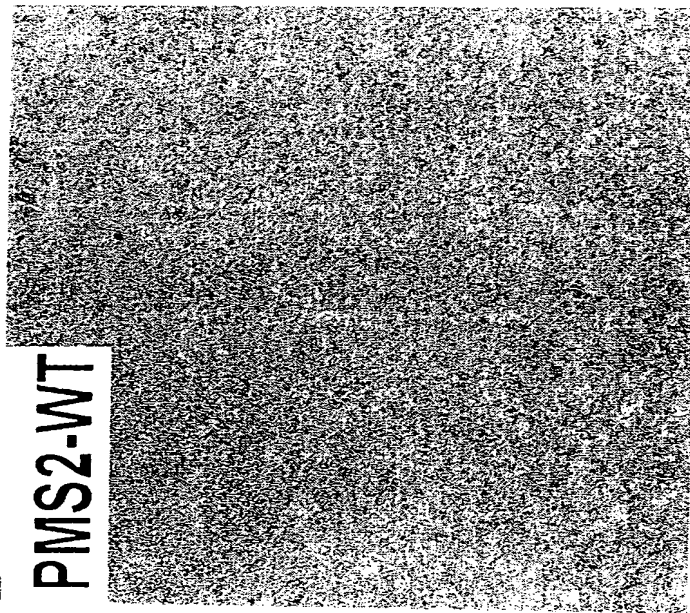


FIG. 3B

PMS2-134

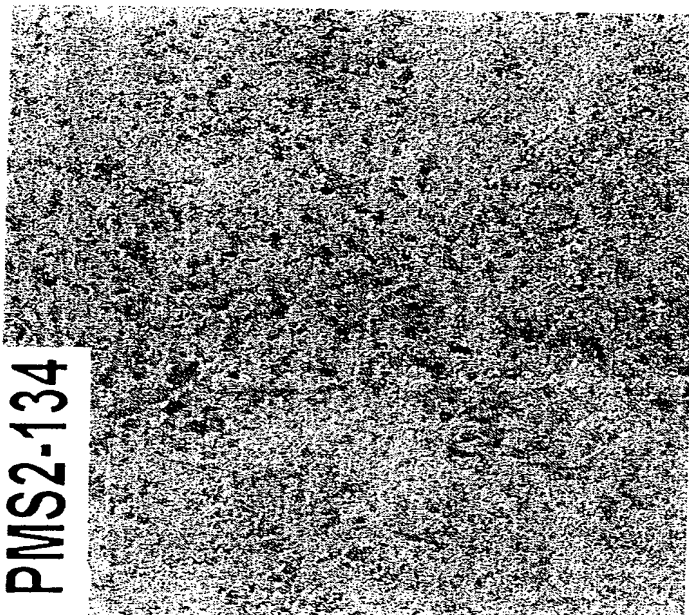
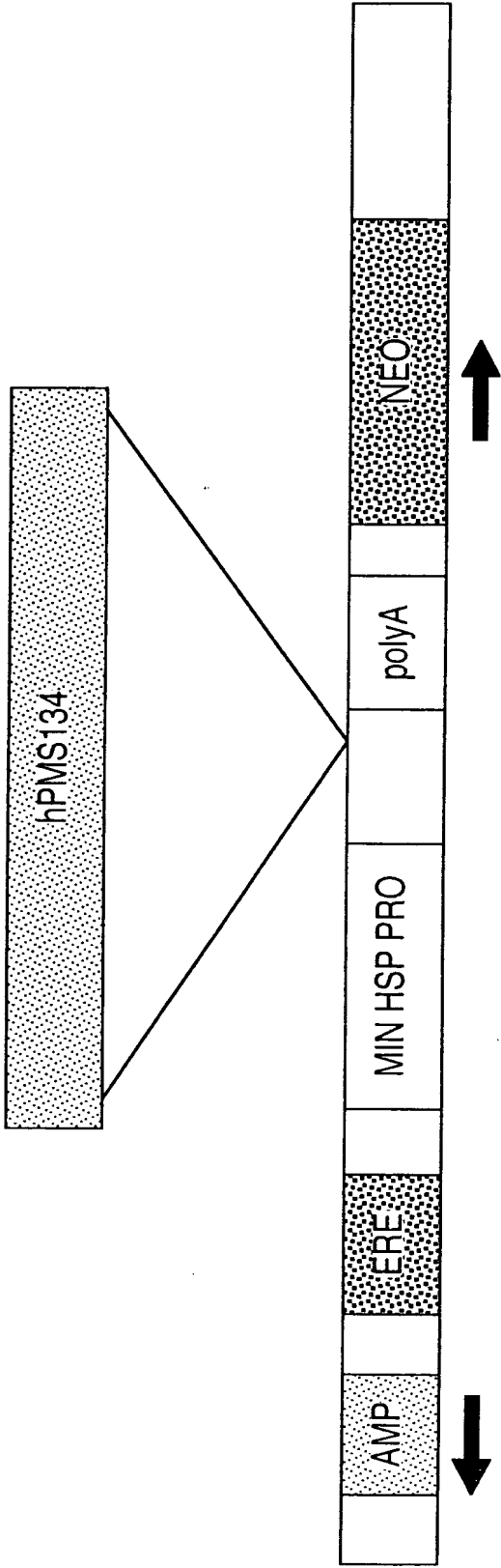


FIG. 4



AMP= ampicillin resistance gene
ERE= ecdysone response elements
MIN HSP PRO= minimal heat shock promoter
hPMS134= dominant negative MMR allele
polyA= BGH polyadenylation signal
NEO= neomycin phosphotransferase gene

FIG. 5

FIG. 5

Alteration of β - galactosidase reporter genes after induction of dominant negative MMR gene expression

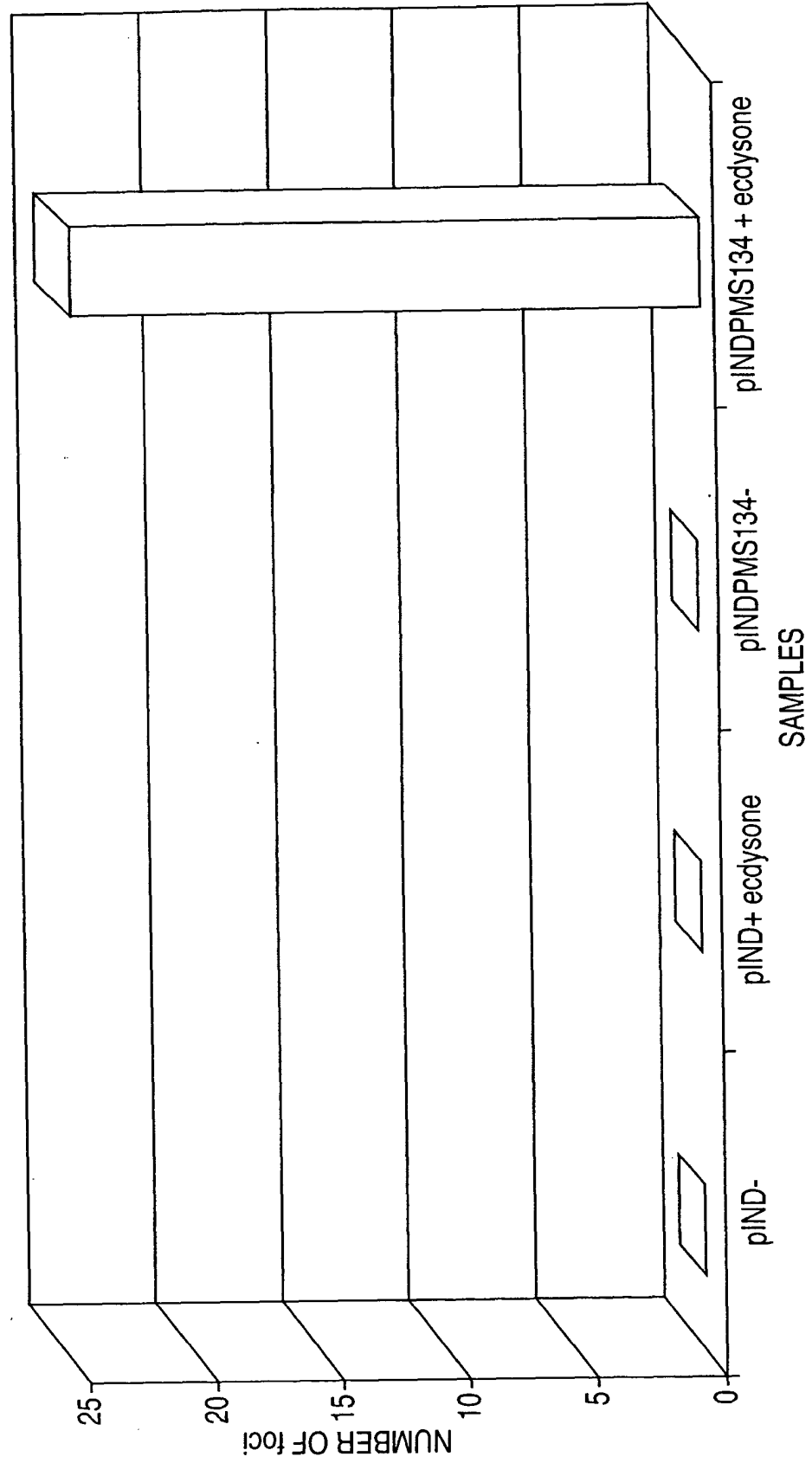


FIG. 6

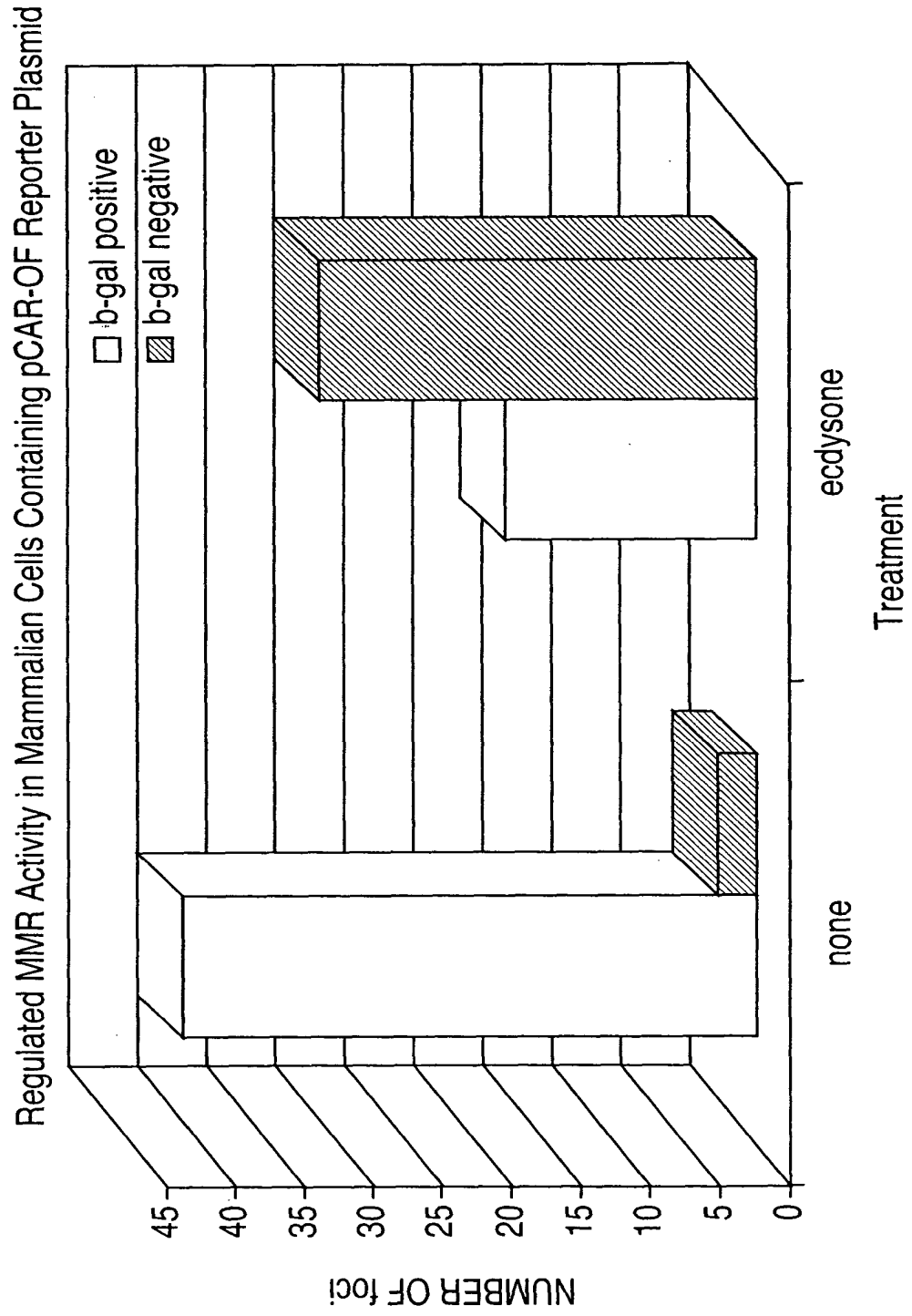
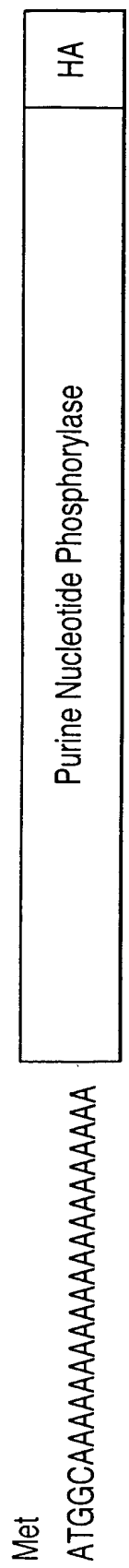


FIG. 7

FIG. 7

polyPNP: out-of-frame polyA tract encodes for a truncated polypeptide



_____*

PNP: in-frame polyA tract encodes for a full-length polypeptide

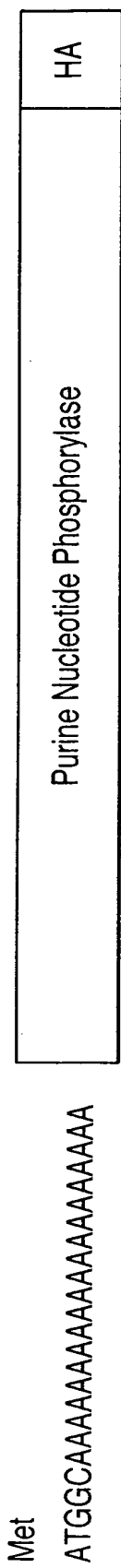


FIG. 8A

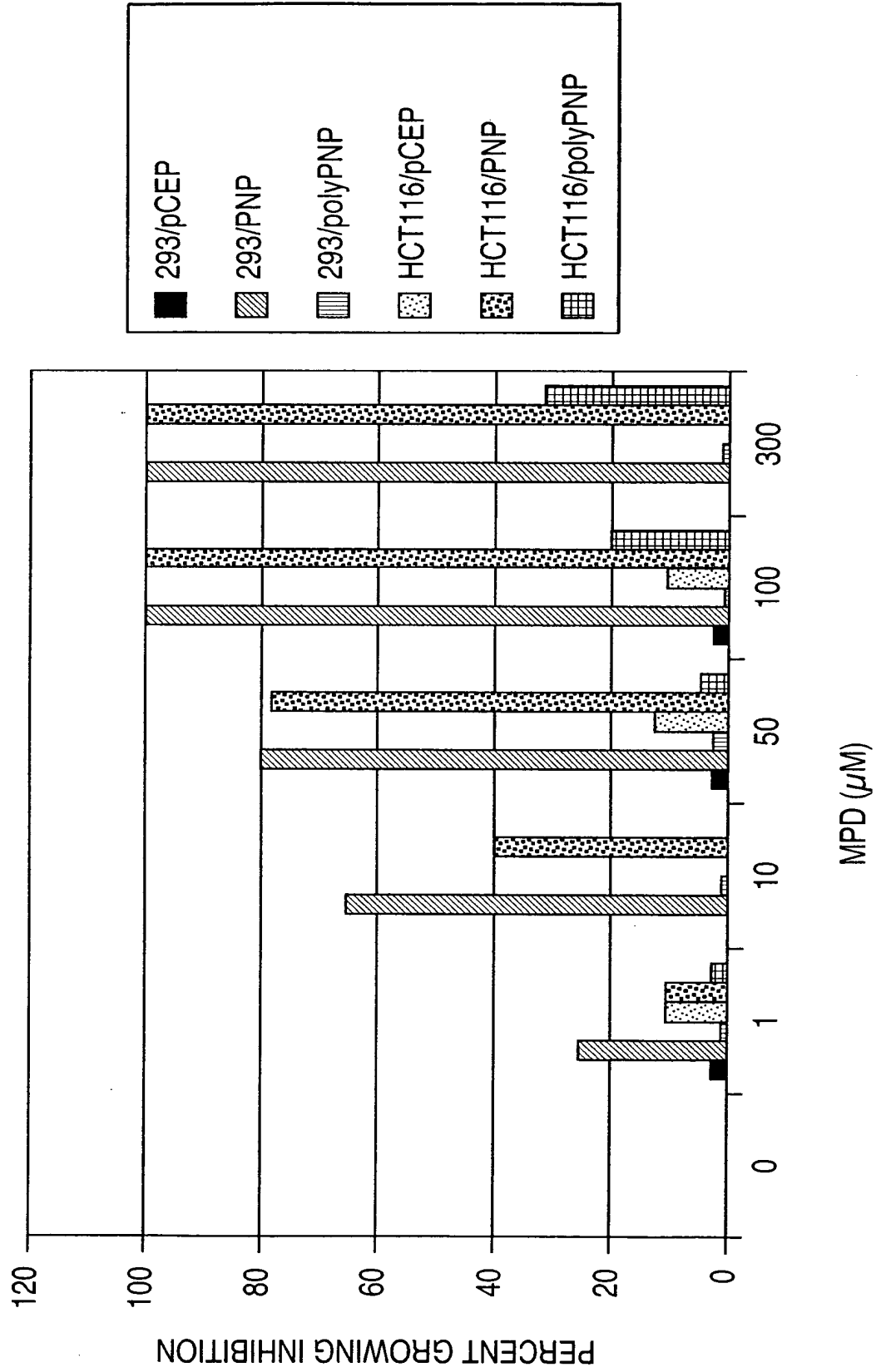


FIG. 8B

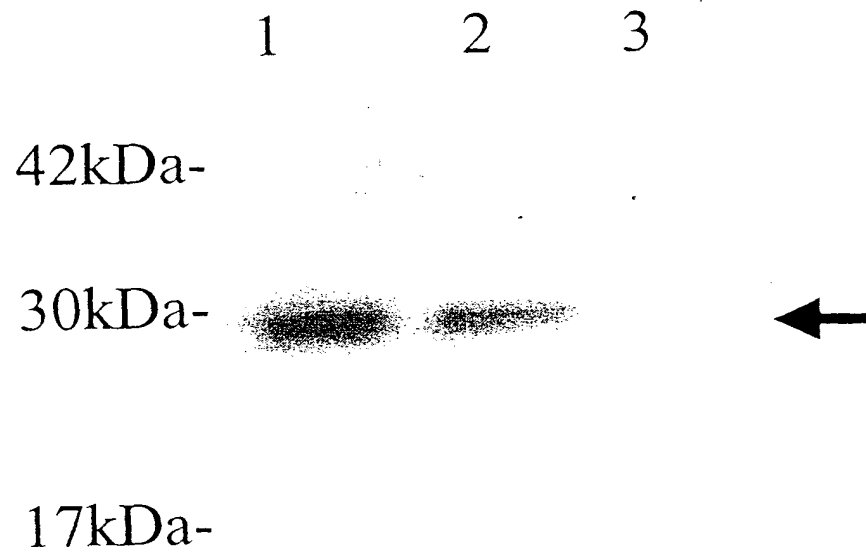
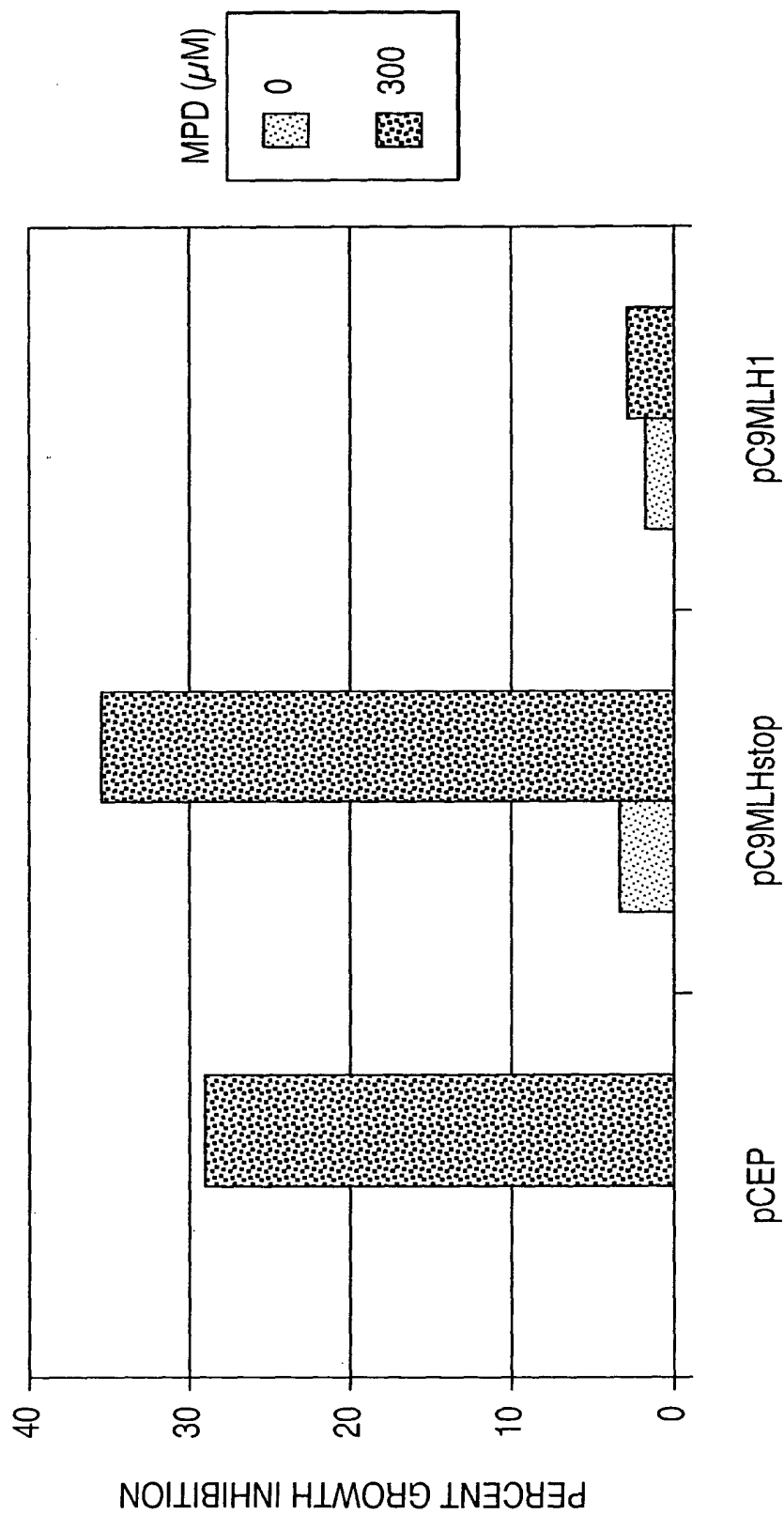


FIG. 8B

FIG. 9



403207 21925860

FIG. 10A

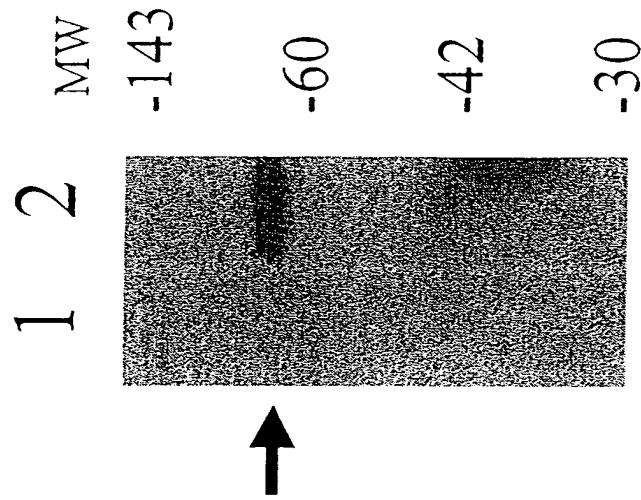


FIG. 10B

